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PARTICLES FOR USE IN A DETECTION SYSTEM

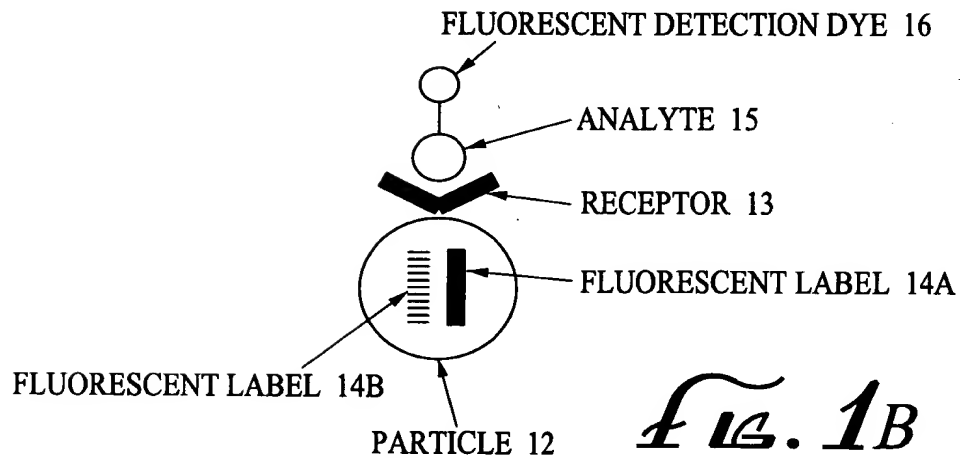
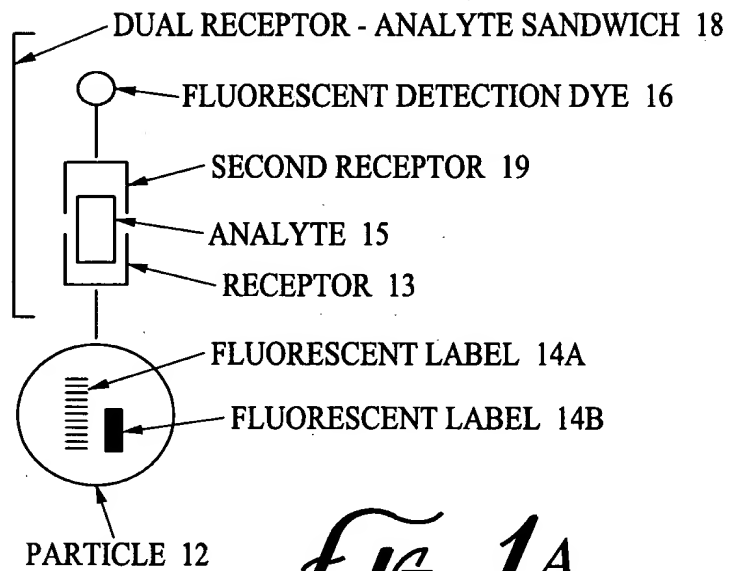
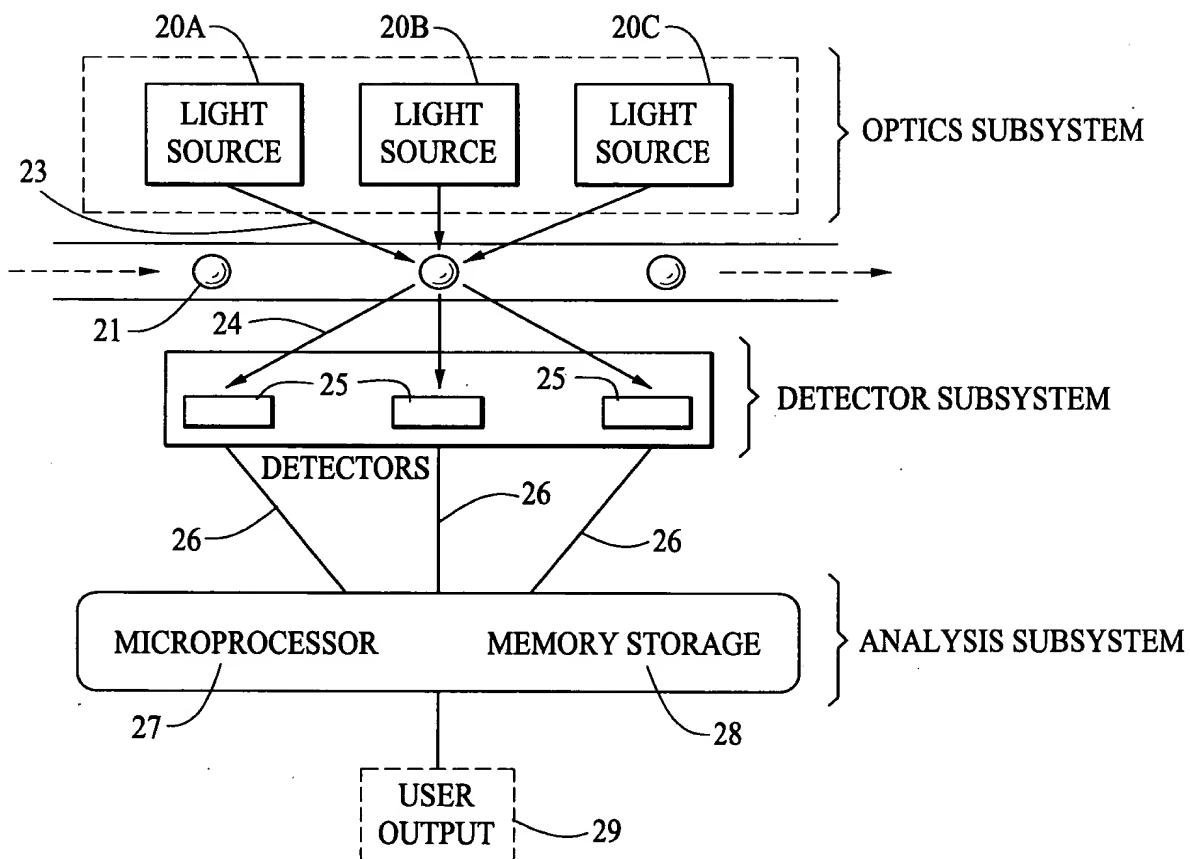




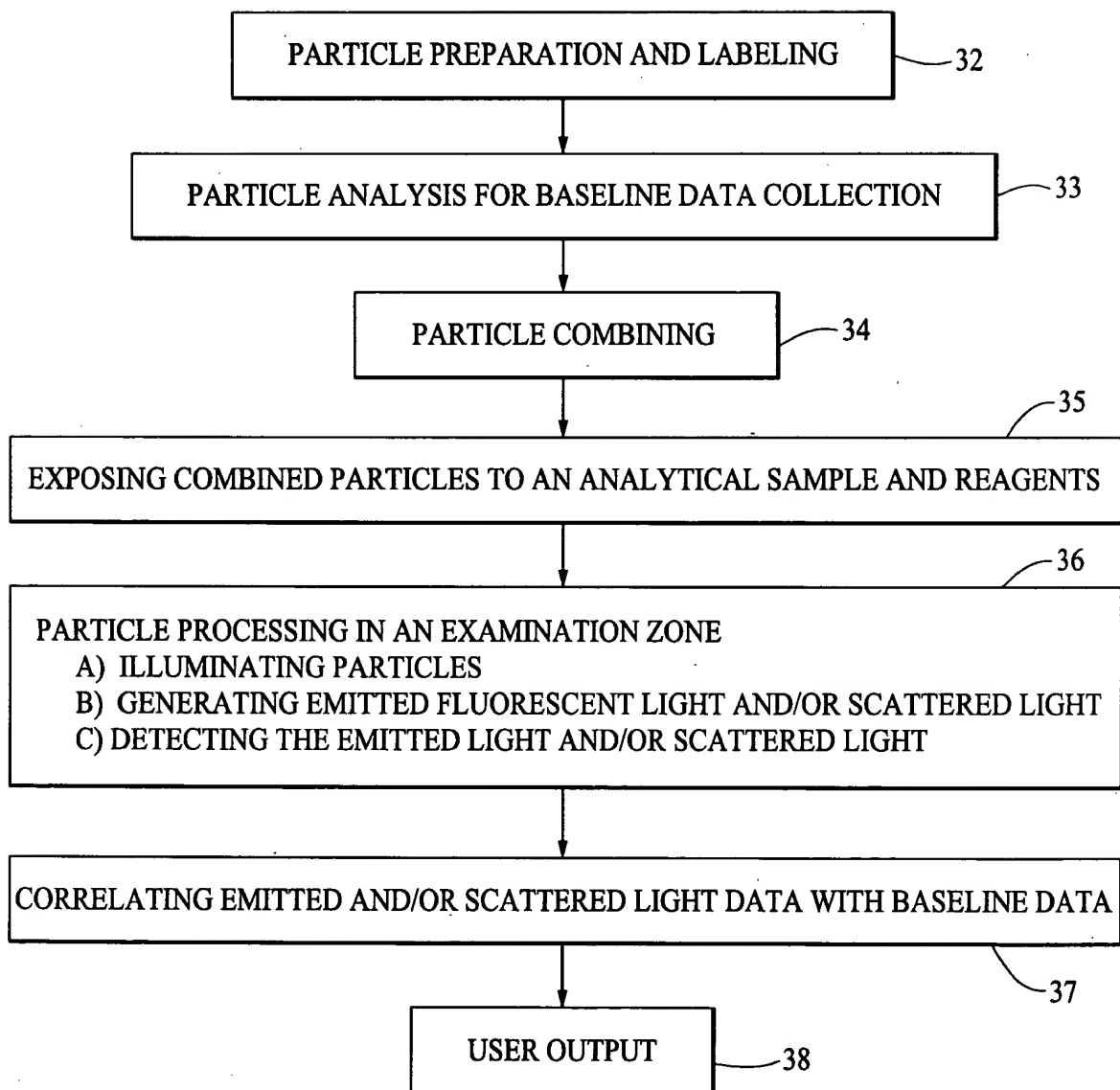
Fig. 2





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FIG. 3

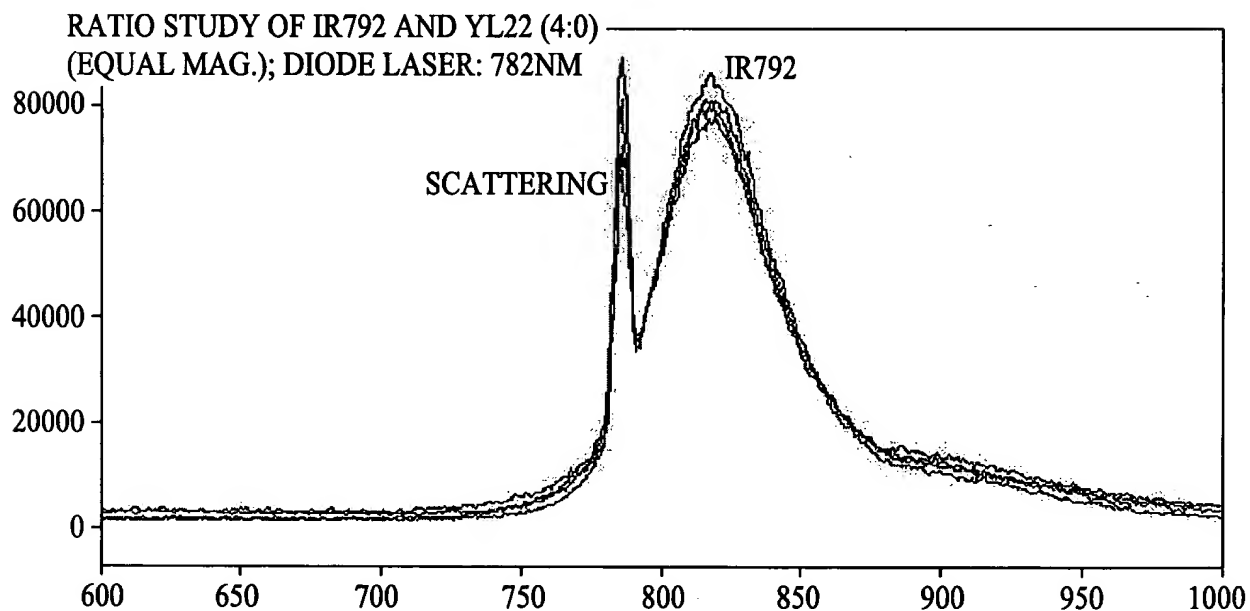




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Fig. 4

EMISSION SPECTRA OF IR792 PERCHLORATE IN METHYLENE CHLORIDE
CHLORIDE FOR TWO MONTH PERIOD (STABILITY STUDY)



(CPS) / WAVELENGTH (NM)

FILE # 2 = ISA52507

INFRARED EMISSION ACQUISITION, USED T DETECTOR;
IR:YL=4:0, ~0.163e-6M IN MC; LASER

OVERLAY Y-ZOOM CURSOR

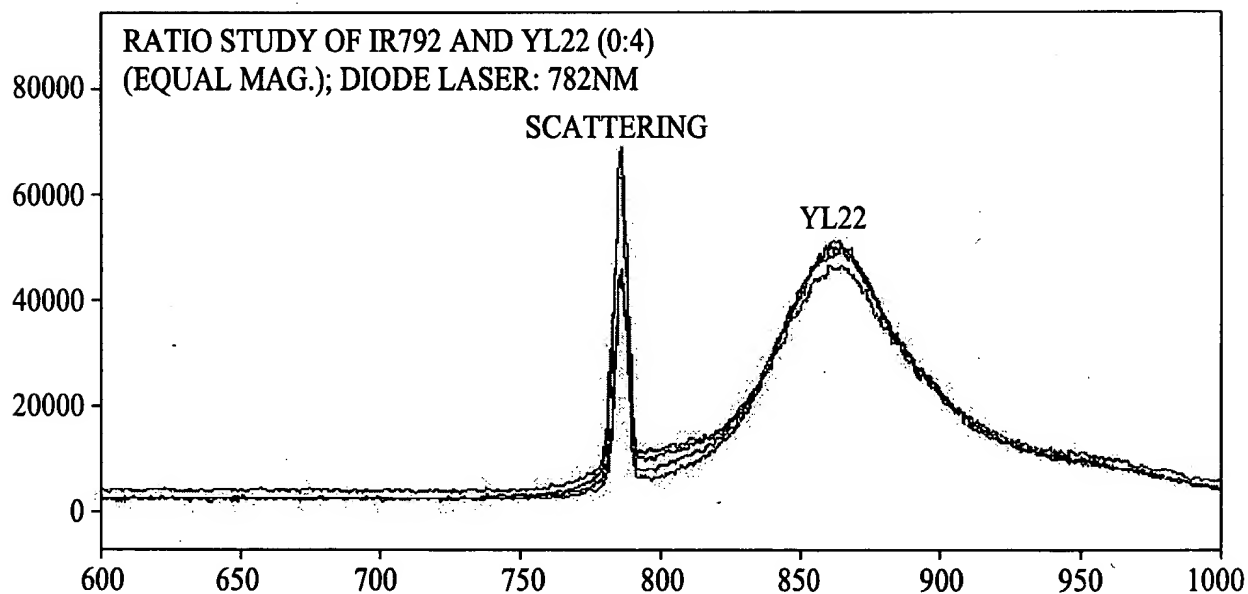
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Fig. 5

EMISSION SPECTRA OF COMPOUND 6 IN METHYLENE CHLORIDE FOR TWO-MONTH PERIOD (STABILITY STUDY)



(CPS) / WAVELENGTH (NM)

FILE # 4 = ISA52805

INFRARED EMISSION ACQUISITION, USED T DETECTOR;

IR:YL=0:4, ~1e-6M, IN MC, EX:782NM

OVERLAY Y-ZOOM CURSOR

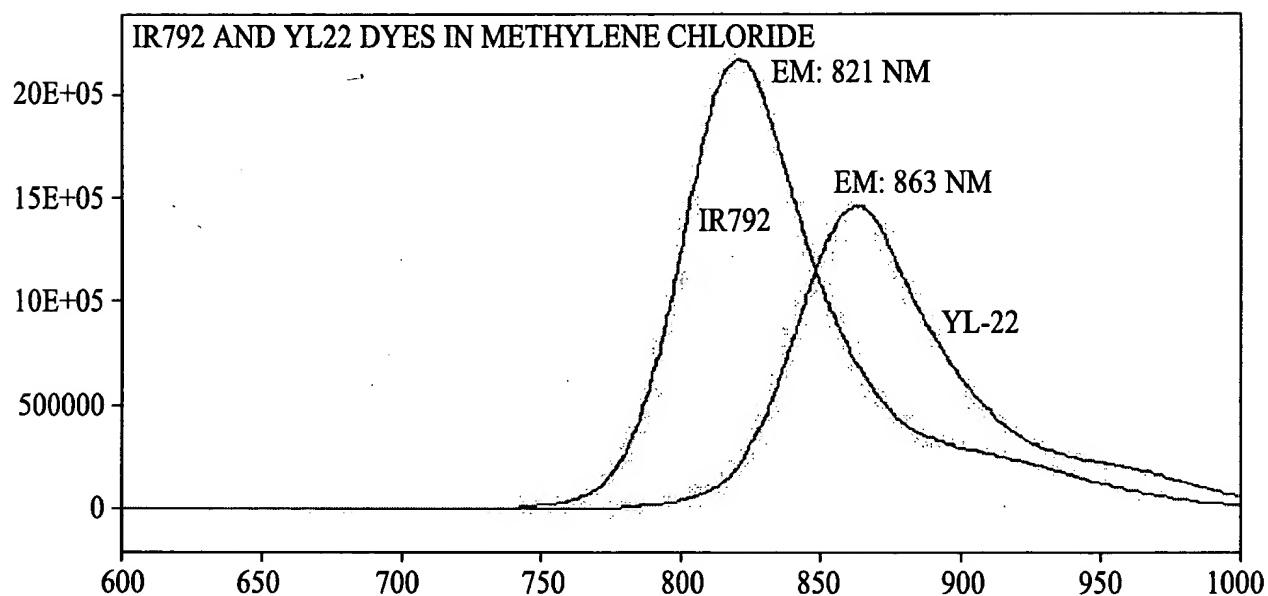
2/28/00 11:25 AM RES=NONE



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Fig. 6

EMISSION SPECTRA OF IR792 PERCHLORATE AND
COMPOUND 6 IN METHYLENE CHLORIDE



(CPS) / WAVELENGTH (NM)

FILE # 1 = ISA52006

INFRARED EMISSION ACQUISITION, USED T DETECTOR;
IR792 IN MC; DIODE LASER 830 NM

OVERLAY Y-ZOOM CURSOR

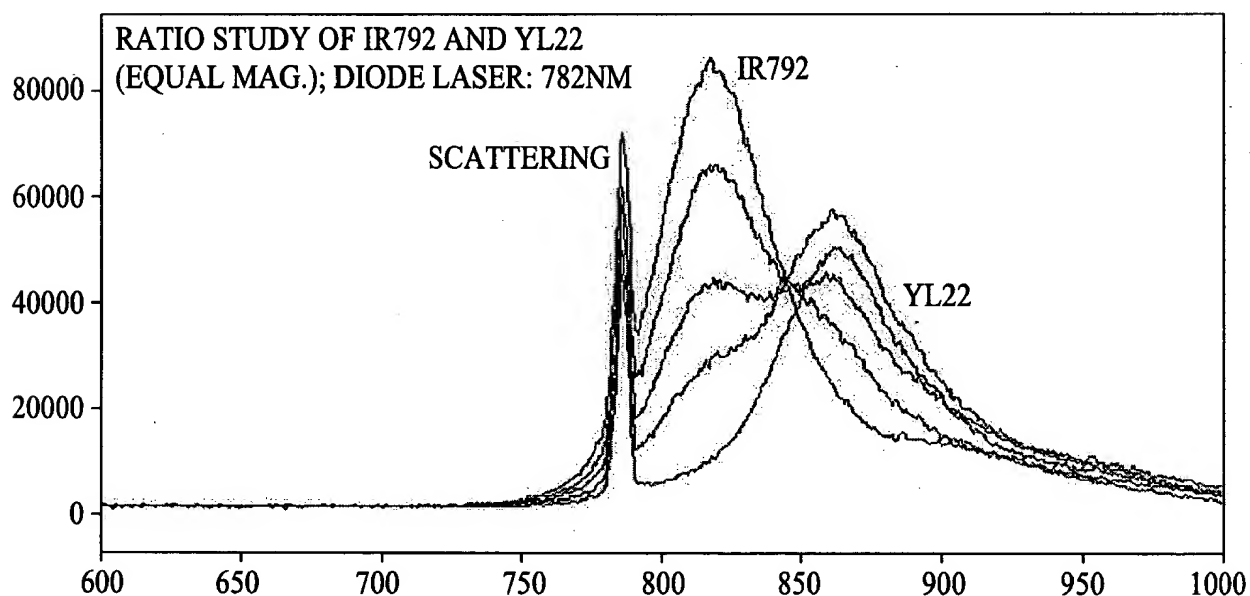
2/16/00 10:17 AM RES=NONE



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Fig. 7

EMISSION SPECTRA OF IR792 PERCHLORATE AND
COMPOUND 6 MIXTURE IN METHYLENE CHLORIDE.



(CPS) / WAVELENGTH (NM)

FILE # 1 = ISA52406

INFRARED EMISSION ACQUISITION, USED T DETECTOR;
IR:YL=4:0, ~0.163e-6M IN MC; LASER

OVERLAY Y-ZOOM CURSOR

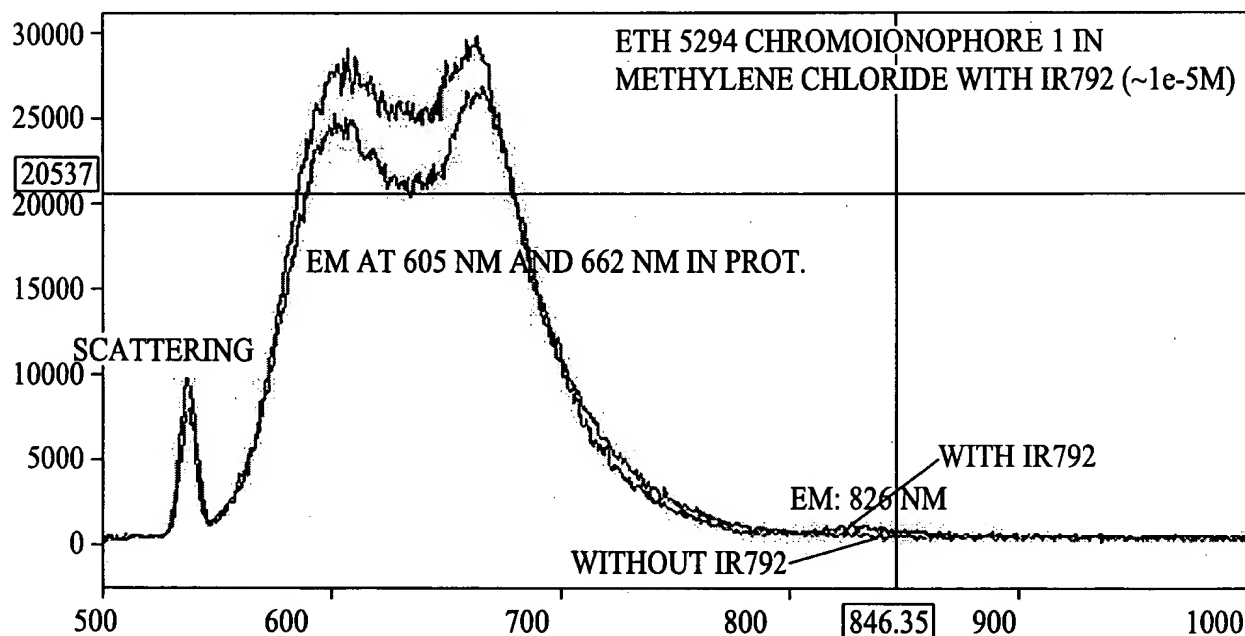
2/22/00 2:44 PM RES=NONE



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Fig. 8

EMISSION SPECTRA OF ETH 5294 AND IR792 PERCHLORATE
MIXTURE IN METHYLENE CHLORIDE. EXCITATION
WAVELENGTH IS AT 539 NM



(CPS) / WAVELENGTH (NM)
FILE # 2 = ISA57501
EM ACQ, USED T DETECTOR.

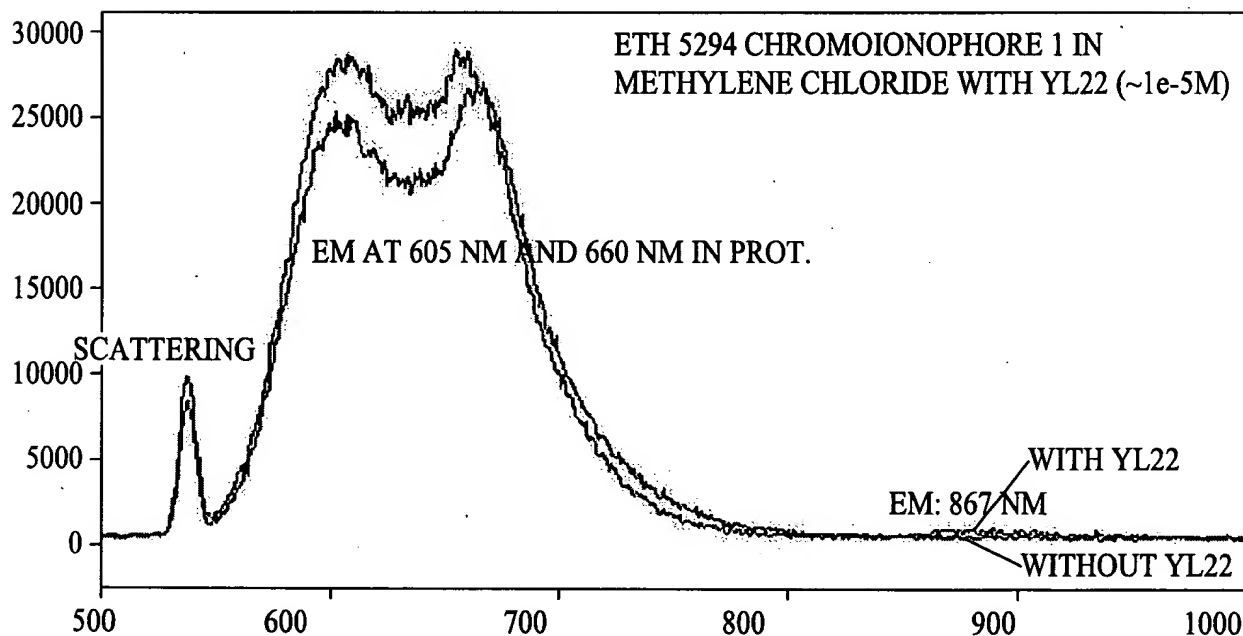
OVERLAY Y-ZOOM CURSOR
5/3/00 1:58 PM RES=NONE



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Fig. 9

EMISSION SPECTRA OF ETH 5294 AND COMPOUND 6
MIXTURE IN METHYLENE CHLORIDE. EXCITATION
WAVELENGTH IS AT 539 NM



(CPS) / WAVELENGTH (NM)
FILE # 2 = ISA57501
EM ACQ, USED T DETECTOR.

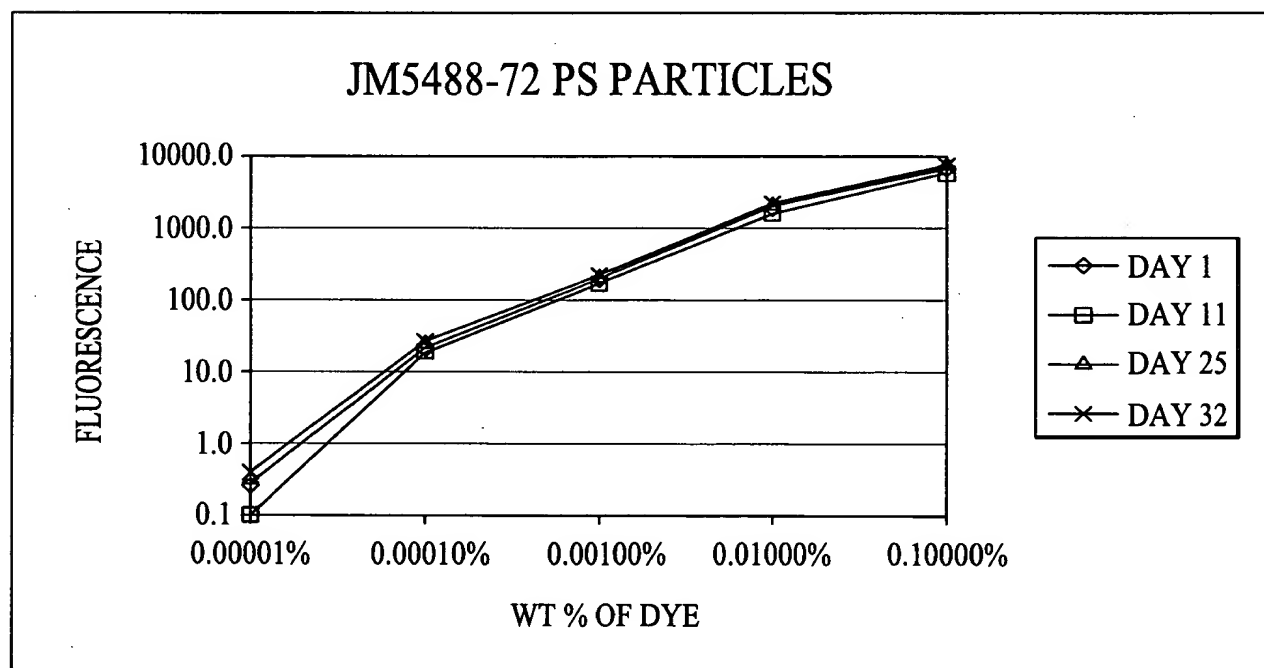
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Fig. 10

UNCORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF COMPOUND 5a

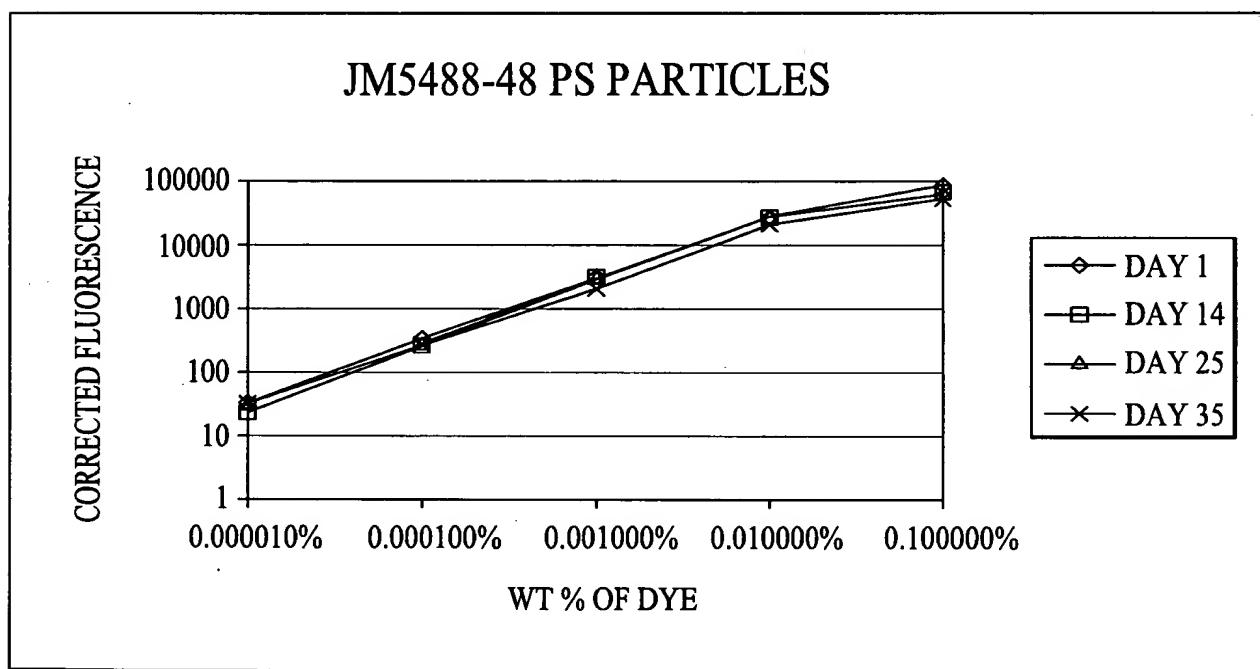




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Fig. 11

CORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF COMPOUND 5b. MEASUREMENTS WERE MADE OVER 35 DAYS IN THE PROTOTYPE CyXL FLOW CYTOMETER

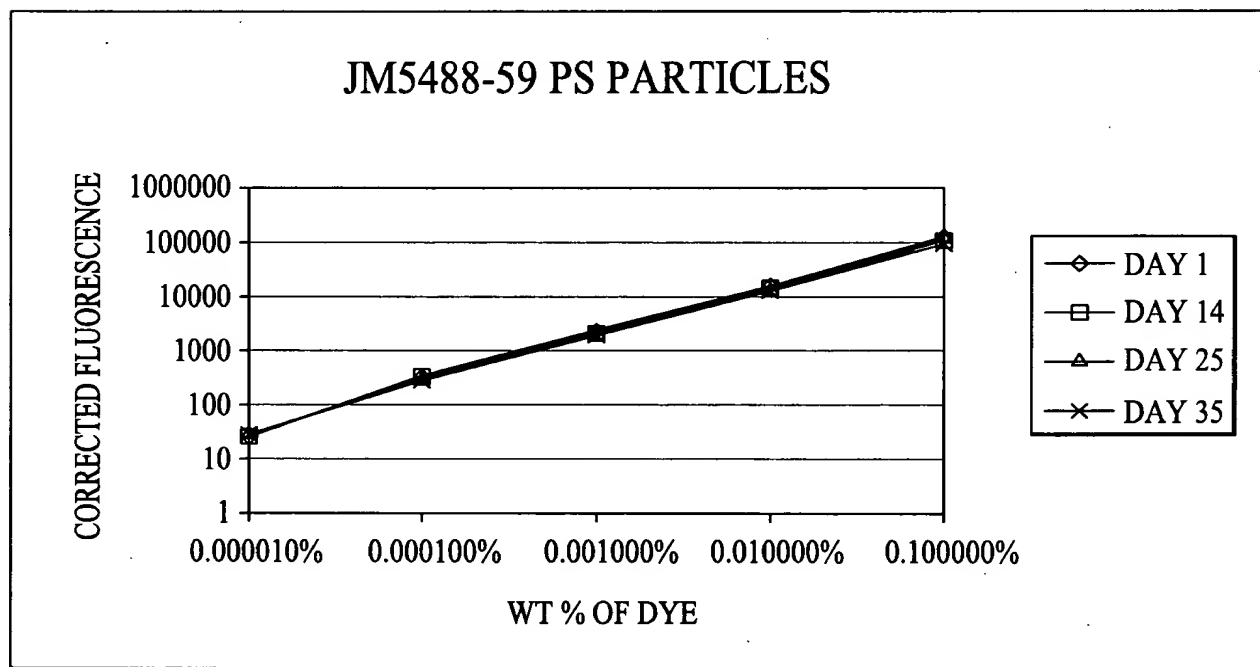




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Fig. 12

CORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF COMPOUND 5d





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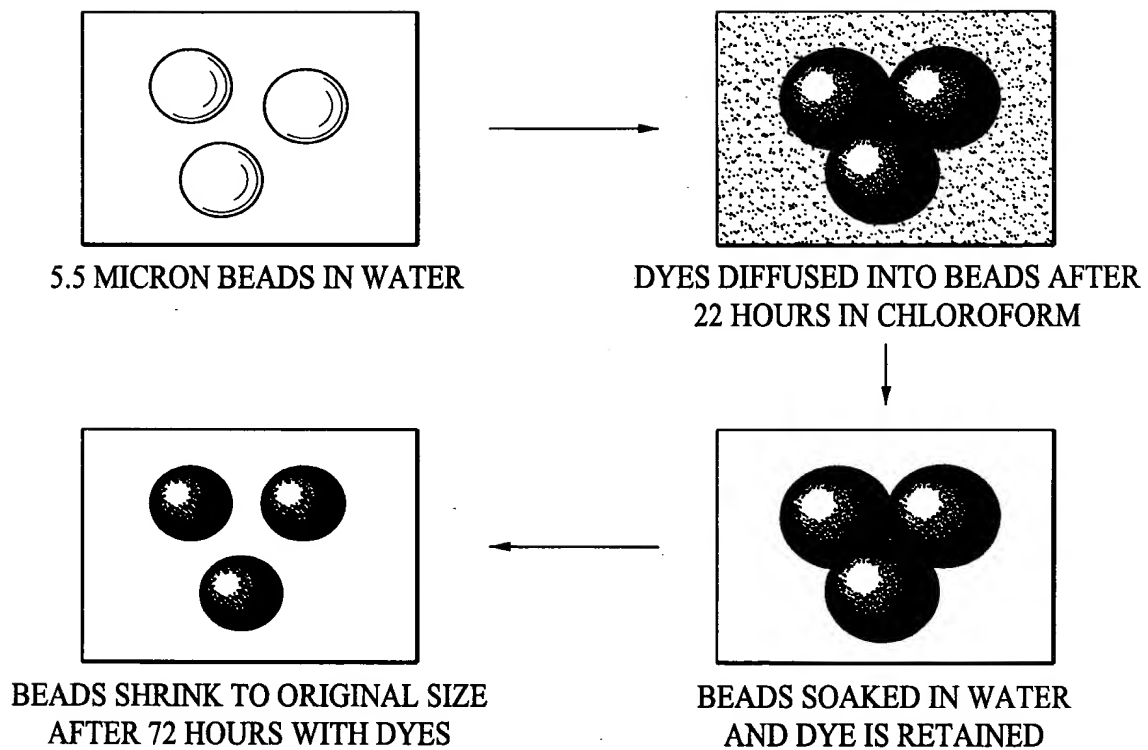


Fig. 13